

Contact Resistance Properties between Nanotubes and Various Metals

from Quantum Mechanics

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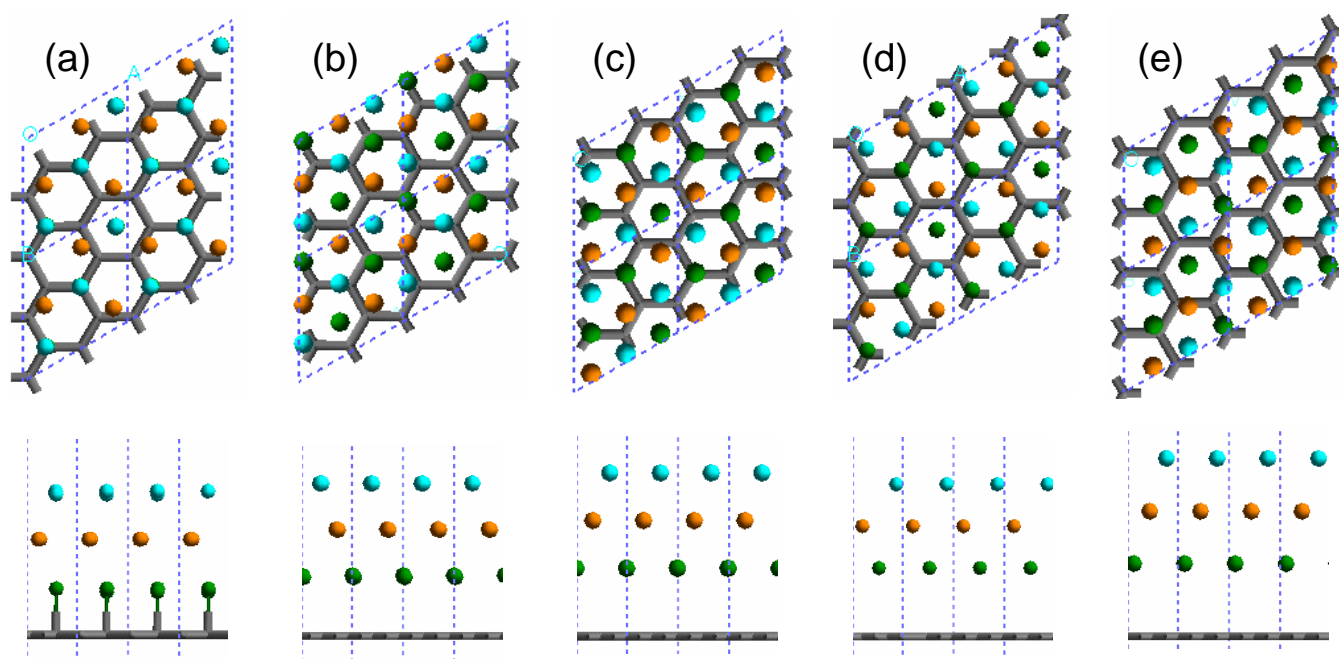


Figure S1. Optimized geometries of the top (top) views and side views (bottom) of (a) Ti, (b) Pd, (c) Pt, (d) Cu, and (e) Au deposited on a graphene 4 x 4 sheet. (Unit cell for optimization is graphene 2 x 2 sheet which is fixed at 4.89×4.89 Å). (gray graphite, green metal first layer, orange metal second layer, light blue metal third layer)